ATTACHMENT 5

December 2008 - Groundwater Sample Information Sheets

acility Name: GP	······································		KEI	Project	t #: 2829e-	001/003			
Sample I.D.: 1694D				l Locati		001/003			
Sample I.D 10 (\$1)			VV C1	1 Locati	1011.				
Monitoring	well Dat	· 9		F	Sample	Types (cir	cle all app	licable)	
Well Material	5 Wen Dat	(PVC)SS/Te	flon)	0/40	onitoring W		cic an app	псанс)	
Inside Diameter, in.		(1246)			ab/Compos				
Stick up or stick down heig	ht –		ft	1	lit Sample				
Total depth of well (TD)		35.2	ft	1 .	plicate (Du	plicate ID:)	
Depth to product	*******		ft	i i	MSD			, , , , , , , , , , , , , , , , , , , ,	
Depth to water (DTW)		20.05	ft	Oth	ner			Ψ,	
				<u> </u>					
Conventional sam	pling	COR=	⇒	~·····································	Micr	opurge sai	mpling		
Height of water column				h of pu	mp placem	ent			
(H = TD - DTW)		ft	(p	lace mic	d-screen)		32	.2	ft
Conversion value (CV)*	X				ged from fl	low cell?		B /N	
1 Well volume H x CV	== {	gal	Is dr	awdowr	n > 0.3 feet	•		Ø /N	
3 Well volumes =		gal	1	-	sampling	used?	·	YO	
Purge method				rate =				mL/m	<u>iin</u>
/ (B = bailer, P = pump)	<u>B / P</u>		L		rom contro		e #		
*Conversion values (gal/ft)	: 1" dia = $\frac{1}{2}$	0.04, 2" dia	= 0.16, 4	l'' dia =	0.65, 6" di	a = 1.47			
7. 11 TF 4() C4	_1_114	D14 D	1_ T	14	D14	D anal4	Degrald	Dagult	
	ability		-	Result 9 min)	Result (12 min)	Result (15 min)	Result (18 min)	Result (21 min)	,
***************************************	lange /- 3%			3, 80	13.70	(13 11111)	(10 11111)	(21 11111)	
				111	,(12				
1 2 1	10%**			5,51	5.52				
1 () /				1.58	7.56	***************************************			
1 -				132	233			٥.	
1 '	10%**				-				
$H_2S (mg/L)$									
Fe ²⁺ (mg/L)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				***************************************	
Check stability after three re				after un	til achieve	d.			
**Only one of these parame	eters must i	each stabilit	y.						
01									
Observations: Volume of water purged from	m wall:	gallo	one						
Sample Date: 12 / / /		gane Samn	Jus de Time:	14.	40_ (mili	tary time)			
Was metals sample filtered							rtridge / oth	er.	
Color of water before filtrat			filtratio			7. 15 pari cu	anage, ou	101.	
Reaction upon addition of p			NO	explair	n:				
Appearance of Water: (Cle	ar/Slightly								
Well condition: (2001)			,	,					
	1 1								
					_	12/1.	es :		
Signature:	\sim	The second secon			_ Date:	14/1/0	δ		

acility Name: GP				KEI Pro	ject	t #: 2829e-0	001/003	· · · · · · · · · · · · · · · · · · ·			
Sample I.D.: 169	§ S			Well Location:							
~				— 1							
	toring Well Da		~ /== ~		سيس			cle all app	licable)		
Well Material			S/Teflor	<u>n) </u>	/	nitoring W					
Inside Diameter, in.		$\frac{10}{10}$	3 6)			ab/Compos	ite				
Stick up or stick down				ft		lit Sample	11 - 4- TD.		\		
Total depth of well (T	D) .	23.6		$\frac{\text{ft}}{c}$		•	plicate ID:)		
Depth to product				ft		S/MSD					
Depth to water (DTW)	21,05	5	ft	Otl	ner					
	1		on . [Mion	opurge sai	mpling			
Conventiona		<u> </u>	OR⇒	Donth o	f mil	mp placem		mpung			
Height of water colum	ın	£.	ļ			mp pracem d-screen)	CIII	20	.6		
(H = TD - DTW)	T/*	ft		\ <u>+</u>		ged from f	low cell?		% /N		
Conversion value (CX		~a1			•	n >0.3 feet	low cell:		Ø N		
1 Well volume H x		gal				sampling	nsed?		Y/Ø		
3 Well volumes = Purge method		gal		Flowrate		Samping	asca:		mL/m		
	mp) B/P	,				rom contro	oller consol	e #	11111/1111		
(B = bailer, P = pu *Conversion values (g			dia = 0					0 11			
*Conversion values (§	gai/1t). 1 dia -	- 0.04, 2	uia – 0	.10, 4 0.	ıa	0.05, 0 0.	.44 1.17				
Field Test(s)	Stability	Result	Resu	lt Resi	ult	Result	Result	Result	Result		
Performed	Range	(3 min)				(12 min)	(15 min)	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	14.54	14.62			14.68					
Spec. Cond (µmhos)	+/- 3%	1.148	1.149			1,150					
D.O. (mg/L)	+/- 10%**	1.148	2.19			2,18					
рН	+/- 0.1	6.99	7.00			7.02					
ORP (mV)	+/- 10 mV**	219	217	217		218	,				
Turbidity (NTU)	+/- 10%**							*****			
H_2S (mg/L)							***	****			
Fe^{2+} (mg/L)											
Check stability after the				thereafte	r un	itil achieve	d.				
**Only one of these p	arameters mus	t reach sta	ability.								
Observations:	1.0 11	-	- 11								
Volume of water purg	ed from well:		ganons	Time at 14	, .	10 (mili	tomy time)				
Sample Date: 12 / Was metals sample fil	1		ampie	rime: <u>i (</u>	 .	mothod: ((al y tillio)	rtridge / otl	ner:		
Was metals sample III	tered prior to p	reservanc —	OII () After fil	tration:)	method.).45 µm ca	i ii i dge / ou	101.		
Color of water before	nuration:		zec K	manon	nlai	n:	-				
Reaction upon additional Appearance of Water:	n or preservati	Turbid	Turbid								
Well condition: 400		y Turbin/	, urbiu/	v Ci y i til	, oru	,					
wen condition: 400	· <i>•</i>)										
	6										
			-				, 1				
	- 11 .	The same of the sa	-			D	12/./10	X			

		Tres		01/002		
acility Name: GP			oject #: 2829e-0	001/003		
Sample I.D.: 1675		Well L	ocation:			
Monitoring Well Data				`	cle all app	licable)
	VC)SS/Teflo	n)	Monitoring W			
Inside Diameter, in.	(1046)		Grab/Compos	ite		
Stick up or stick down height		ft	Split Sample		1	
Total depth of well (TD)		ft	Duplicate (Du	plicate ID:	116 180	<u>v-p</u>)
Depth to product		ft	MS7MSD		C	
Depth to water (DTW)	19	ft	Other			
		,				
Conventional sampling	(⇒OR⇒		Micro	opurge san	npling	
Height of water column			f pump placeme	ent	./	
(H = TD - DTW)	ft	(place	e mid-screen)		16	ft
Conversion value (CV)* x		Bubbles	purged from fl	ow cell?		3 5/N
1 Well volume = H x CV = ga	al	Is draw	down >0.3 feet			% /N
3 Well volumes = ga	al	Was pas	ssive sampling i	used?		Y /🕅
Purgemethod		Flowrat	e =			mL/min
(B = bailer, P = pump) B / P		ID num	ber from contro	ller console	e #	
*Conversion values (gal/ft): 1" dia = 0.	04, 2" dia = 0).16, 4" d	ia = 0.65, 6" di	a = 1.47		
Field Test(s) Stability	<u>Result Resu</u>	ılt <u>Res</u>	<u>ult Result</u>	Result	Result	Result
Performed Range (<u>3 min) (6 mi</u>	<u>in) (9 m</u>		(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3%	6.63 14.62	Herbo	5 14.60			<u></u>
Spec. Cond (µmhos) +/- 3%	1.55 1.90		1.90			
D.O. (mg/L) +/- 10%**	51 ,37	152	,49			
	6.49					
	267 265	26	3 263			
Turbidity (NTU) +/- 10%** _						
$H_2S (mg/L)$	-					
Fe ²⁺ (mg/L)						
Check stability after three readings and		thereafte	er until achieved	1.		
**Only one of these parameters must re	ach stability.					
Observations:	11	_				
Volume of water purged from well:	gallons	5 Tim o. / 5	: <u>0</u> d(milit	ami tima)		
Sample Date: 12/1/00	Sample	Time:	(mint	ary ume)	+i-1 / -+h	ow.
Was metals sample filtered prior to pres	servation?	YES O	method: 0	.45 µm car	iriage / our	C1.
Color of water before filtration:	After II	itration	plain:			
Reaction upon addition of preservatives		_	<u> </u>			
Appearance of Water: (Clear/Slightly T	urbidy i urbid	very iu	ισια)			
Well condition: Good						
~ ~						
				Ι (
Cionatura	O -		Date:	12/1/m	6	
Signature:			Date	1,10	<u> </u>	

- Jacility Name: GP			KEI Project #: 2829e-001/003						
Sample I.D.: 167;)	-	Well L	ocation:					
Moni	toring Well D	ata			Types (cir	cle all app	licable)		
Well Material		(PVC)SS/Tefle	on)	Monitoring W					
Inside Diameter, in.		(1246)		Grab/Compos	site				
Stick up or stick dow	n height		ft	Split Sample		/./- 5	, 1		
Total depth of well (7	CD)	32.7	ft	Duplicate Du	iplicate ID	16/12 r) (1)		
Depth to product			ft	MS/MSD	,		,		
Depth to water (DTW	['])	19.2	ft	Other					
Conventiona	l sampling	←OR⇒		Micr	opurge sai	mpling			
Height of water colum	nn			f pump placem	ient	_	_		
(H = TD - DTW)	/	ft	1 ~	e mid-screen)			1.7		
Conversion value (CX	* <u>x</u>		4	purged from f			Ø/N		
1 Well volume = H x	CV =	gal		down >0.3 feet			<u> </u>		
3 Well volumes =		gal	_	ssive sampling	used?		Y / 🗸		
Purge method			Flowrat				mL/m		
/(B = bailer, P = pu	mp) B/F			ber from contro		e #			
*Conversion values (gal/ft): 1" dia =	= 0.04, 2" dia $=$	0.16, 4" d	ia = 0.65, 6" d	ia = 1.47				
				1. 70 1.	D 1,	D 1/	D14		
Field Test(s)	Stability	Result Res			Result	Result	Result (21 min)		
Performed	Range	(3 min) (6 m			(15 min)	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	15.52 15.							
Spec. Cond (µmhos)	+/- 3% +/- 10%**		30						
D.O. (mg/L)	+/- 10%	7.54 7.35	7.3						
pH ORP (mV)	+/- 10 mV**	70 69			*				
Turbidity (NTU)	+/- 10 m v +/- 10%**				J.,				
H ₂ S (mg/L)	17 1070				****				
Fe^{2+} (mg/L)									
Check stability after t	hree readings a	nd every reading	g thereafte	er until achieve	d.				
**Only one of these p									
Observations:									
Volume of water purg	ged from well:	gallon	IS ,/	67)					
Sample Date:	1/08			<u>2 : 00</u> (mili					
Was metals sample fi					0.45 µm cai	rtridge / oth	ier:		
Color of water before		***************************************	iltration:_						
Reaction upon addition				plain:					
Appearance of Water:		y Turbid/Turbio	n/Very Tu	rbia)					
Well condition: 400	り								
~									
						_			
//	11.			75 . /	101 ln	(

Jacility Name: GP		KEI Pro	ject #: 2829e-	001/003		***
Sample I.D.: 1655		Well Lo	cation:			
						
Monitoring Well Data					cle all app	licable)
	PVC)SS/Teflo		Monitoring W			
Inside Diameter, in.	(1246)		Grab/Compos	site		
Stick up or stick down height			Split Sample	11		,
Total depth of well (TD)	19.7		Duplicate (Du	iplicate ID:)
Depth to product			MS/MSD			
Depth to water (DTW)	15.32	ft	Other			
			N/I:		1i	
Conventional sampling	←OR⇒	D41 £		opurge sai	mpung	
Height of water column	6	_	pump placem	ent	11	· - 7
(H = TD - DTW)	ft	\ <u>``</u>	mid-screen)	1 110		,.7 Ø/N
Conversion value (CV)* x			purged from f	low cell?		Ø/ N
	al		own >0.3 feet	10		Y
	<u>al</u>	_	sive sampling	usea?		mL/r
Purge method		Flowrate				IIIL/I
(B = bailer, P = pump) B / P			er from contro		e #	
*Conversion values (gal/ft): 1" dia = 0	$0.04, 2^{\prime\prime} dia = 0$).16, 4" di	$a = 0.65, 6^{\circ} \text{ d}$	1a = 1.47		
Field Test(s) Stability	Result Resu	ılt Resu	ılt Result	Result	Result	Result
•	3 min) (6 mi			$(\overline{15 \text{ min}})$	(18 min)	(21 min)
	15.02 15.0					
	190 ,790					
	161 ,57					
	7.47 7.47					
	45 44	44				
Turbidity (NTU) +/- 10%**						
$H_2S (mg/L)$						
Fe ²⁺ (mg/L)						
Check stability after three readings and	every reading	thereafter	until achieve	d.		
**Only one of these parameters must re						
· —						
Observations:						
Volume of water purged from well:	gallons	3	L			
Sample Date: 12/2/08	ganons Sample	Time:	<u>0</u> : <u>00</u> (mili	tary time)		
Was metals sample filtered prior to pre	servation?	YES 🎊	method: ().45 µm ca	rtridge / otł	ner:
Color of water before filtration:	After fi	ltration:				
Reaction upon addition of preservative			olain:			
Appearance of Water: (Clear/Slightly)		/Very Tur	bid)			
Well condition: (2001)						
	-		7 0 /	12/2		
Signature:		NO THE REAL PROPERTY.	Date:	1 - 1		

Monitoring Well Data Well Material (PVC)SS/Teflon) Inside Diameter, in. (1246) Stick up or stick down height ft Total depth of well (TD) 46.5≤ ft Depth to product ft Depth to water (DTW) 14.3 ft Conventional sampling ←OR⇒ Height of water column (H = TD – DTW) ft Conversion value (CV)* x 1 Well volume H x CV = gal 3 Well volumes = gal Water follows Purge method Fide	Sample Types (circle Monitoring Well) Grah/Composite Split Sample Duplicate (Duplicate ID:)
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Yd. ≤ ft	Micropurge sample oth of pump placement obles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	ling 43.55
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Yd. ≤ ft	Micropurge sample oth of pump placement obles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	ling 43.55
Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) 1/3 ft	Grab/Composite Split Sample Duplicate (Duplicate ID:	ling 43.55 (Y) N
Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume	Split Sample Duplicate (Duplicate ID:	ling 43.55 (Y) N
Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* 1 Well volume H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 rield Test(s) Stability Performed Range Temperature (°C) Spec. Cond (µmhos) PH +/- 10%** D.O. (mg/L) PH +/- 0.1 Turbidity (NTU) H/- 10 mV** Turbidity (NTU) H/- 10%** Sample Time Was metals sample filtered prior to preservation? Sample Time Was metals sample filtered prior to preservation?	Duplicate (Duplicate ID:	ling 43.55 (Y) N
Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV * x 1 Well volume $H \times CV = gal$ 3 Well volumes $= gal$ Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 Pield Test(s) Stability Result Performed Range Temperature (°C) $+/-3\%$ 14.85 Spec. Cond (μ mhos) $+/-3\%$ 14.85 Spec. Cond (μ mhos) $+/-3\%$ 14.85 D.O. (mg/L) $+/-10\%**$ $-10\%**$ $-10\%**$ $-10\%**$ $-10\%**$ H ₂ S (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: Sample Date: $-12/2/2$ Sample Tim Was metals sample filtered prior to preservation? YES	MS/MSD Other Micropurge sample of the of pump placement place mid-screen) Tobles purged from flow cell? Trawdown >0.3 feet Trawdown sampling used? Trawdown = 0.3 feet	ling 43.55 (Y) N
Depth to water (DTW) Conventional sampling	Micropurge sample of pump placement place mid-screen) obles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	43.55 (Y)N
Conventional sampling Conversion value (CV)* X Substitute Substitute Conversion value (CV)* X Substitute	Micropurge sample of the of pump placement place mid-screen) while spurged from flow cell? The rawdown >0.3 feet is passive sampling used?	43.55 (Y)N
Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume	oth of pump placement place mid-screen) bles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	43.55 (Y)N
Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume	oth of pump placement place mid-screen) bles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	43.55 (Y)N
Conversion value (CV)* x 1 Well volume	place mid-screen) bles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	(Ý) N
Conversion value (CV)* x 1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) B / P *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 Field Test(s) Stability Result (6 min) Temperature (°C) +/- 3% (3 min) (6 min) Temperature (°C) +/- 3% (3 min) (6 min) Temperature (°C) +/- 3% (3 min) (5 min) D.O. (mg/L) +/- 10%** (5 min) ORP (mV) +/- 10 mV** (5 min) Turbidity (NTU) +/- 10 mV** (6 min) Turbidity (NTU) +/- 10 mV** (7 min) Turbidity (NTU) +/- 10 mV** (7 min) Turbidity (NTU) +/- 10%** H2S (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: 12 / 2 / 6 Sample Tim Was metals sample filtered prior to preservation? YES	bles purged from flow cell? rawdown >0.3 feet s passive sampling used? wrate =	(Ý) N
1 Well volume	rawdown >0.3 feet s passive sampling used? wrate =	
3 Well volumes =	s passive sampling used? wrate =	
Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 *Field Test(s) Stability Result Result (3 min) (6 min) (6 min) Temperature (°C) Spec. Cond (μmhos) Ph H 3% D.O. (mg/L) H 10%** Field Test(s) Stability Result Result (6 min) (74.85) (75.97) (76.37) (76.37) (76.97)	wrate =	
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 *Field Test(s) Stability Result Result Performed Range (3 min) (6 min) Temperature (°C) +/- 3% 14.85 Spec. Cond (µmhos) +/- 3%	-	Y / (N)
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16 rield Test(s) Range Range Temperature (°C) Spec. Cond (µmhos) Ph H-3% Ph H-3% Spec. Cond (µmhos) Ph H-0.1 Turbidity (NTU) H2S (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Sample Date: 12/2/66 Stability Result R	1 0 11 1	mL/n
Performed Range (3 min) (6 min) Temperature (°C) +/- 3% \frac{1}{2}37\$ \frac{1}{4}.\frac{1}{5}5\$ Spec. Cond (μmhos) +/- 3% \frac{1}{2}37\$ \frac{1}{4}.\frac{1}{5}5\$ D.O. (mg/L) +/- 10%** \frac{1}{2}37\$ \frac{1}{2}37\$ D.O. (mg/L) +/- 10%** \frac{7}{2}37\$ \frac{7}{2}40\$ ORP (mV) +/- 10 mV** \frac{7}{2}40\$ Turbidity (NTU) +/- 10%** \frac{1}{2}37\$ \frac{1}{2}37\$ H ₂ S (mg/L) \frac{1}{2}40\$ \frac{1}{2}40\$ \frac{1}{2}40\$ Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: \frac{1}{2}426\$ \frac{1}{2}42	number from controller console	#
PerformedRange(3 min)(6 min)Temperature (°C)+/- 3%14.85Spec. Cond (μmhos)+/- 3%.963.759D.O. (mg/L)+/- 10%**.55.56pH+/- 0.17.397.40ORP (mV)+/- 10 mV**96Turbidity (NTU)+/- 10%**—H ₂ S (mg/L)——Fe²+ (mg/L)——Check stability after three readings and every reading the **Only one of these parameters must reach stability.Observations: Volume of water purged from well: Sample Date:	4'' dia = 0.65, 6'' dia = 1.4/	
PerformedRange(3 min)(6 min)Temperature (°C)+/- 3% \frac{1}{2}39} \frac{1}{4}.65Spec. Cond (μmhos)+/- 3% \frac{1}{2}39} \frac{1}{2}.65D.O. (mg/L)+/- 10%** \frac{1}{2}39} \frac{7}{2}.40}pH+/- 0.1 \frac{1}{2}39} \frac{7}{2}.40}ORP (mV)+/- 10 mV** \frac{9}{2} \frac{1}{2}Turbidity (NTU)+/- 10%** \frac{1}{2} \frac{1}{2}H2S (mg/L) \frac{1}{2} \frac{1}{2} \frac{1}{2}Check stability after three readings and every reading the **Only one of these parameters must reach stability.Observations: \frac{1}{2}/2/6\frac{1}{2} \frac{1}{2}Volume of water purged from well: \frac{1}{2} \frac{1}{2}Sample TimeWas metals sample filtered prior to preservation?YES	Result Result Result I	Result Result
Temperature (°C) +/- 3% \frac{14.39}{.953} \frac{14.85}{.959} Spec. Cond (\mumbos) +/- 3% \frac{.963}{.953} \frac{.56}{.959} D.O. (mg/L) +/- 10%** \frac{.53}{.55} \frac{.56}{.56} pH +/- 0.1 \frac{7.40}{.399} \frac{7.40}{.900} ORP (mV) +/- 10 mV** \frac{.9}{.900} \frac{.9}{.900} Turbidity (NTU) +/- 10%** \frac{.9}{.900} H ₂ S (mg/L) \frac{.9}{.900} \frac{.9}{.900} Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: \frac{12}{2} / \frac{\frac{1}{2}}{.950} \frac{.9}{.950} Sample Time Was metals sample filtered prior to preservation? YES		8 min) (21 min)
Spec. Cond (µmhos) +/- 3% .963 .959 D.O. (mg/L) +/- 10%** .55 .56 pH +/- 0.1 .7.39 .7.40 ORP (mV) +/- 10 mV** .9 Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: _\(\frac{\fr	14.79	
D.O. (mg/L)	957 9,59	
pH +/- 0.1 7.39 7.40 ORP (mV) +/- 10 mV** 9 6 Turbidity (NTU) +/- 10%** H_2S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: $12/2/6$ Sample Time Was metals sample filtered prior to preservation? YES	172 167	
ORP (mV) +/- 10 mV** $\frac{9}{}$ $\frac{1}{6}$ Turbidity (NTU) +/- 10%** H_2S (mg/L) E^{2^+} (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: $\frac{12}{2}$ $\frac{12}{6}$ Sample Time Was metals sample filtered prior to preservation? YES	1.40 1.40	
Turbidity (NTU) +/- $10\%**$ $H_2S \text{ (mg/L)}$ Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: $12/2/6$ Sample Time Was metals sample filtered prior to preservation? YES	3 3	
H_2S (mg/L) Fe^{2+} (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: $\frac{12}{20}$ Sample Time Was metals sample filtered prior to preservation? YES		
Fe ²⁺ (mg/L) Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: \(\frac{1}{\mu} / \frac{1}{\mu} \) Sample Tim Was metals sample filtered prior to preservation? YES		
Check stability after three readings and every reading the **Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: \(\bullet \bulle		
**Only one of these parameters must reach stability. Observations: Volume of water purged from well: gallons Sample Date: / _ / _ / _ Sample Tim Was metals sample filtered prior to preservation? YES	eafter until achieved.	
Volume of water purged from well: gallons Sample Date: / \(\frac{1}{\nu} / \(\beta \) Sample Tim Was metals sample filtered prior to preservation? YES		
Volume of water purged from well: gallons Sample Date: $\frac{12}{200}$ Sample Time Was metals sample filtered prior to preservation? YES		
Sample Date: $\frac{12}{2}$ Sample Time Was metals sample filtered prior to preservation? YES		
Was metals sample filtered prior to preservation? YES	Q 20	
Was metals sample filtered prior to preservation? YES Color of water before filtration: After filtrat	e: 4:30 (military time)	
Color of water before filtration: After filtrat		lge / other:
	method: 0.45 μm cartrid	
Reaction upon addition of preservatives? YES NO	method: 0.45 μm cartrid	
Appearance of Water: (Clear/Slightly Turbid/Ver	nethod: 0.45 μm cartric on: explain:	
Well condition: (700)	nethod: 0.45 μm cartric on: explain:	
	nethod: 0.45 μm cartric on: explain:	
, 1	nethod: 0.45 μm cartric on: explain:	

and the same of th						
acility Name: GP	K	EI Projec	t#: 2829e-	001/003		
Sample I.D.: 1665	V	Vell Locat	tion:			
Monitoring Well Data			Sample	Types (cir	cle all app	licable)
	SS/Teflon)	VA.	enitoring W		•	
	246)	1 1/ ~	ab/eompos			
Stick up or stick down height	ft	- 1	lit Sample			
Total depth of well (TD)		- i i	iplicate (Du	inlicate ID:		.)
Depth to product	ft	- 1	S/MSD			/
	,32 ft	-{ !	her			
Departo water (DTW)	176 11		1101			
	OD .	······································	Micr	IONIIHAA GOI	malina	
	=OR⇒	/1 C		opurge sai	mbmig	
Height of water column	ען		imp placem	ent	.,	, , ,
(H = TD - DTW) ft			id-screen)	110		f. f
Conversion value (CV)* x			rged from f	low cell?		80/ N
1 Well volume = H x CV = gal	1		n >0.3 feet			Ø/N
3 Well volumes = gal	1	-	e sampling	used?		Y/ Ø
Purge method	1	owrate =				mL/mir
/ (B = bailer, P = pump) B / P	L		from contro		e #	***************************************
*Conversion values (gal/ft): 1" dia = 0.04, 2	2" dia = 0.16	6, 4" dia =	= 0.65, 6" di	a = 1.47		
						1
Field Test(s) Stability Resul	t Result	Result	Result	<u>Result</u>	Result	<u>Result</u>
Performed Range (3 min		(9 min)	<u>(12 min)</u>	(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3% b .\$		16.94	17,00			
Spec. Cond (μmhos) +/- 3% 1,095		1.093	1.093		<u></u>	
D.O. (mg/L) +/- 10%** 1.37		1.18	<u> </u>			
pH +/- 0.1 7.20	7.20	7,20	7.20			
ORP (mV) +/- 10 mV** 147	146	146	144			
Turbidity (NTU) +/- 10%**			***************************************	***************************************		
$H_2S (mg/L)$			****			
Fe^{2+} (mg/L)						
Check stability after three readings and every		ereafter ur	ntil achieve	d.		
**Only one of these parameters must reach s	tability.					
Observations:						
Volume of water purged from well:	_ gallons	10	482 A			
Sample Date: 12/2/05	Sample Tir	ne: $\frac{\sqrt{b}}{2}$:	(mili	tary time)		
Was metals sample filtered prior to preservat			method: ().45 µm car	tridge / oth	ier:
Color of water before filtration:		tion:				
	YES NO		n:			A-0-0-
Appearance of Water: (Clear/Slightly Tu) bio	d/Turbid/Ve	ery Turbid	.) •			
Well condition: (700)						
A_{ω} () A_{ω}						
				, ,		
\\\\\\. \)			11.0	,	
Signature:			_ Date:	2/2/88		

Lacility Name: GP			ect #: 2829e-	001/003		
Sample I.D.: /66 D		Well Loca	ation:			
Monitoring Well D					rcle all app	licable)
Well Material	(PVC)SS/Teflo		Jonit oring V			
Inside Diameter, in.	(1246)	 }	Frah/Compos	site		
Stick up or stick down height			plit Sample			
Total depth of well (TD)	49.7		Suplicate (Du	aplicate ID:	·)
Depth to product			IS/MSD			
Depth to water (DTW)	15,2	ft C	Other			
Conventional sampling	←OR⇒		Mici	ropurge sai	mpling	
Height of water column		Depth of p	ump placen	nent	_	_
(H = TD - DTW)	ft		nid-screen)			6.7 ft
Conversion value (CV)* x		Bubbles p	urged from f	low cell?		⊘ / N
1 Well volume = H x CV =	gal	Is drawdov	wn >0.3 feet			S5/N
3 Well volumes = =	gal	Was passi	ve sampling	used?		Y 🙉
Purge method		Flowrate =				mL/mir
(B = bailer, P = pump) B/1	P	ID number	r from contro	oller consol	le #	
*Conversion values (gal/ft): 1" dia	l l					
Controlling target (Bar 19).	3, 3, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	,	,			
rield Test(s) Stability	Result Resu	ılt Result	Result	Result	Result	Result
Performed Range	(3 min) (6 m			$(\overline{15 \text{ min}})$	(18 min)	(21 min)
Temperature (°C) +/- 3%	15.6 15.65			15.64		
Spec. Cond (µmhos) +/- 3%	1841 ,912			1.028		
D.O. (mg/L) +/- 10%**	1.18 1.00		174	,13		
pH +/- 0.1	1.37 7.36			7.35		
ORP (mV) +/- 10 mV**	74 62	54	45	45		
Turbidity (NTU) +/- 10%**	<u> </u>					
H ₂ S (mg/L)	***************************************					
Fe ²⁺ (mg/L)	***************************************			***************************************		
Check stability after three readings a	and every reading	thereafter u	until achieve	ed.		
**Only one of these parameters mus		,				
Only one of those parameters man	t roadii stadiiriy.					
Observations:						
Volume of water purged from well: Sample Date: 12/2/18 Was metals sample filtered prior to purged from well: Color of water before filtration: Reaction upon addition of preservation.	gallons	3				
Sample Date: 12/2/18	Sample	Time: //	: 00 (mili	itary time)		
Was metals sample filtered prior to a	reservation?	YES MO	method:	0.45 um car	rtridge / oth	ner:
Color of water before filtration:	After fi	Itration:		or to posses our	8	
Reaction upon addition of preservati	ves2 YES	(i) expl	ain:			
Appearance of Water: (Clear/Slight	ly/Turbid/Turbid	/Very Turbi	id)			
Well condition: (Good)	Turona Turona	, v 01 y 1 01 0 1)			
Will condition. 400						
				11.	,	
Signature:	The state of the s		Date:	12/2/00		

lacility Name: GP					ect #: 2829e-	001/003			
Sample I.D.: 154	-			Well Loc	ation:				
Moni	toring Well Da	ata				Types (cir	cle all app	licable)	
Well Material		(PVC)SS	S/Teflor	1) 🗴	Aoni toring V	Vell			
Inside Diameter, in.		(10	A 6)) (rab/Compos	site			
Stick up or stick dow	n height			ft S	plit Sample				
Total depth of well (7	• * * * * * * * * * * * * * * * * * * *	20.1	6	ft L	Ouplicate (Du	uplicate ID:			_)
Depth to product		· · · · · · · · · · · · · · · · · · ·		ft N	AS/MSD				
Depth to water (DTW	7)	14.2	5	ft C	Other				
Dopuir to water (DX)		/ (/ -		10					
Conventiona	l campling		OR⇒「		Micr	ropurge sai	moling		
Height of water colum				Denth of r	oump placen				
(H = TD - DTW)		ft	-		nid-screen)	10111	17	7,6	f
Conversion value (CX	X*			•	urged from f	low cell?		Ø/N	
1 Well volume H x		gal	1	_	wn >0.3 feet			Q/N	
		gal			ve sampling			Y/4	
3 Well volumes =		gal		Flowrate =		asca:			_/mii
Purge method			1		- r from contro	aller consol	e #	1111	
(B = bailer, P = pu	$\frac{\text{imp}}{\text{1/6}}$ $\frac{\text{B/P}}{\text{1/2}}$.C #		
*Conversion values (gal/π): 1" $dia =$	= 0.04, 2	$a_1a = 0$.16, 4 dia	- 0.03, 0 u	1a - 1.47			
7° ¥ 3 787 - 47-5	Ctobility	Result	Resu	lt Result	t Result	Result	Result	Result	+]
Field Test(s)	Stability					(15 min)	(18 min)	(21 mir	- !
Performed Towns (9C)	Range +/- 3%	(3 min) 13.58	(6 min		15.59	(13 11111)	(10 11111)	121 11111	-
Temperature (°C)	+/- 3%	2.36	2.36	$-\frac{7.50}{2.37}$	2.35				-
Spec. Cond (µmhos)	+/- 3% +/- 10%**	7.33	7.04		7.24			***************************************	-
D.O. (mg/L)	+/- 10%		7,57	<u>7.16</u> 1.37	7.37				-
pH		1.37	217	231	231				-
ORP (mV)	+/- 10 mV**	253		671		4			-
Turbidity (NTU)	+/- 10%**					<u></u>			-
$H_2S (mg/L)$			***			***************************************	***************************************		-
$Fe^{2+} (mg/L)$	1 1		di	th areaft on a	antil achieve	d			
Check stability after t	_	-	_	mereaner	until acilieve	u.			
**Only one of these p	arameters musi	i reach sia	omiy.						
Observations									
Observations:	rad from xxall:		gallong						
Volume of water purg			ganons omnle T	Fime: 12	:00 (mili	itary time)			
Sample Date: 12/ Was metals sample fi	14	د. مناور جسم محمد	ampie i	rec Va	(IIIII	$0.45 \mu m ca$	rtridge / oth	1er	
was metals sample in	iterea prior to p	reservanc)]]	trotion:	inethod.	0.45 µm ca	i i i i i ge / Oti	101.	
Color of water before			ES N	10 ava1	ain:		*		
Reaction upon addition	m of preservau'		•					# 	
Appearance of Water:		y urbid/	Juroid/	very rurb	iu)				
Well condition: 400	20								
						, 1	_		
Signature:		\sim		_	Date:	12/2/0	1		
Signature: \\				- Constitution	Daw				

Monitoring Well Data Vell Material Aside Diameter, in. Aside Diameter	Γeflon) 6) ft ft ft ft Comparison ft ft ft ft ft ft ft	Grah/Compos Split Sample Duplicate (Du MS/MSD Other Micr h of pump placem	ite plicate ID: _ opurge sam		licable)
Vell Material Aside Diameter, in. tick up or stick down height otal depth of well (TD) Pepth to product Pepth to water (DTW) Conventional sampling Eeight of water column (H = TD - DTW) Onversion value (CV)* The product of the	6) ft ft ft ft ft ft (pl	Grah/Compos Split Sample Duplicate (Du MS/MSD Other Micr h of pump placem	ite plicate ID: opurge sam		licable)
Vell Material Aside Diameter, in. tick up or stick down height otal depth of well (TD) Pepth to product Pepth to water (DTW) Conventional sampling Eeight of water column (H = TD - DTW) Onversion value (CV)* The product of the	6) ft ft ft ft ft ft (pl	Grah/Compos Split Sample Duplicate (Du MS/MSD Other Micr h of pump placem	ite plicate ID: opurge sam		licable))
conventional sampling Conventional sampling (H = TD - DTW) Conversion value (CV)* (102)	6) ft ft ft ft ft ft (pl	Grab Compos Split Sample Duplicate (Du MS/MSD Other Micr h of pump placem	ite plicate ID: _ opurge sam)
tick up or stick down height otal depth of well (TD) epth to product epth to water (DTW) Conventional sampling feight of water column (H = TD - DTW) onversion value (CV)* x	ft ft ft ft Depti	Split Sample Duplicate (Du MS/MSD Other Micr h of pump placem	plicate ID: _ opurge sam)
cotal depth of well (TD) repth to product repth to water (DTW) Conventional sampling Feight of water column (H = TD - DTW) conversion value (CV)* x	$ \begin{array}{c} \text{ft} \\ \text{ft} \\ \text{ft} \end{array} $ $ \begin{array}{c} \text{Dept} \\ \text{(pl)} \end{array} $	Duplicate (Du MS/MSD Other Micr h of pump placem	opurge sam)
epth to product epth to water (DTW) Conventional sampling eight of water column (H = TD - DTW) onversion value (CV)* x	ft ft S R Depti (pl	MS/MSD Other Micr h of pump placem	opurge sam)
cepth to water (DTW) Conventional sampling Eight of water column (H = TD − DTW) Conversion value (CV)* x	$R \Rightarrow \boxed{\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Other Micr h of pump placem		pling	
Conventional sampling ←OR feight of water column (H = TD - DTW) ft onversion value (CV)* x	R⇒ Depti	Micr h of pump placem		pling	
eight of water column (H = TD - DTW) ft onversion value (CV)* x	Depti	h of pump placem		pling	
eight of water column (H = TD - DTW) ft onversion value (CV)* x	Depti	h of pump placem		pling	
(H = TD - DTW) ft onversion value (CV)* x	(pl		ent		
onversion value (CV)* x	, v			26	/
	Bubb	lace mid-screen)	110		
	1	oles purged from fl	low cell?		% /N
Well volume = H x CV = gal	1	awdown >0.3 feet	an		M/N
Well volumes = gal		passive sampling	usea?		$\frac{1}{mL/r}$
urge method	1	rate =	11	#	1111-/1
$(B = bailer, P = pump) \qquad B/P$		umber from contro		#	
Conversion values (gal/ft): 1" dia = 0.04, 2" dia	1a = 0.16, 4	$a_{1a} = 0.05, 0 \text{ ar}$	a – 1.47		
ield Test(s) Stability Result	Result F	Result Result	<u>Result</u>	Result	Result
•	(6 min) (9	9 min) (12 min)	(15 min)	(18 min)	(21 min)
emperature (°C) +/- 3% (3.87)	13.97 1	3.93			
pec. Cond (µmhos) +/- 3% 1.84	1.83 1.	64			
· • · · · · · · · · · · · · · · · · · ·		109			
		1.23	·		
. ,	60	66			
urbidity (NTU) +/- 10%**					
$_{2}$ S (mg/L)					
e^{2+} (mg/L)			4		
heck stability after three readings and every rea		after until achieve	d.		
*Only one of these parameters must reach stabil	lity.				
bservations:	llong				
olume of water purged from well: gal ample Date: \lambda / \rangle \sqrt{2} / \rangle \sqrt{5} Sam	mons note Time:	12:50 (milit	tary time)		
Vas metals sample filtered prior to preservation?).45 µm cartı	ridge / oth	er.
olor of water before filtration: Aft	ter filtratio	()	7.45 µm cara	11450 / 041	
eaction upon addition of preservatives? YES	``	explain:			
ppearance of Water: (Clear/Slightly Turbid/Tu	· ! !				
Vell condition: (Clear, Snightly Jurisla, Tu		- 			
ch condition. 400					

lacility Name: GP					t #: 2829e-	001/003		
Sample I.D.: /32	<u> </u>	·	N	/ell Locat	ion:			
Moni	toring Well Da			_			rcle all app	licable)
Well Material		<u>(PVC)</u> SS	7/Teflon)	1/~	oni toring W			
Inside Diameter, in.		$\underline{\hspace{1cm}}$ (102	3 4 6)	Gr	ab@ompos	site		
Stick up or stick dow	n height		ft	Sp	lit Sample			
Total depth of well (T	(D)	19	ft	Du	iplicate (Du	iplicate ID:)
Depth to product			ft	M	S/MSD			
Depth to water (DTW	7)	0 49	11.9 ft	Ot	her			
				\				
Conventiona	l sampling)	/ (=(OR⇒		Micr	opurge sa	mpling	
Height of water colum			Do	epth of pu	ımp placem	ent		
(H = TD - DTW)		ft	1		d-screen)			f
Conversion value (CX	#)* X		E .		rged from f	low cell?		Y/N
1 Well volume = H x	/	gal	,	_	n >0.3 feet		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Y/N
3 Well volumes =	· -	gal	W	as passive	e sampling	used?		Y/N
Purge method			i i	owrate =	1 0			mL/mir
(B = bailer, P = pu	.mp) B/F)	ID	number	from contro	oller consol	.e #	
*Conversion values (1)							
(5	,		,	,			
Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	$\overline{(3 \text{ min})}$	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	16.19	15.95	16.10	16.68	16.70		
Spec. Cond (µmhos)	+/- 3%	2.01	2.01	2.00	1,98	1.95		
D.O. (mg/L)	+/- 10%**	2.30	2.29	1.94	1.72	1.69	<u> </u>	
pН	+/- 0.1	7.32	7.32	7.31	7.32	7.33		
ORP (mV)	+/- 10 mV**	169	170	170	171	171		
Turbidity (NTU)	+/- 10%**							
H ₂ S (mg/L)								
Fe^{2+} (mg/L)								
Check stability after t	hree readings a	nd every r	eading the	ereafter ur	ntil achieve	d.		
**Only one of these p	arameters mus	t reach sta	bility.					
Observations:								
Volume of water purg	ged from well:	{	gallons	12	2 N			
Sample Date: 12/	2/08	Sa	ample Tin	ne: <u>//</u> :	<u> </u>	tary time)		
Was metals sample file	ltered prior to p	reservatio	n? YES	3 6 00	method: ().45 µm cai	rtridge / oth	ner:
Color of water before	filtration:	~ A	After filtra	tion:				
Reaction upon addition	n of preservati	ves? Y	ES NO	explai	n:			
Appearance of Water:	(Clear/Slightl	y Turbid/	Γurbid/Ve	ry Turbid)			
Well condition: 400	D C	THE OWNER OF THE OWNER O						
~						,	1	
		(106	1.00	
Signature:	1				Date:	10/2	1) Y	

acility Name: GP			KEI	Project	t #: 2829e-	001/003				
Sample I.D.: 148 R			Well Location:							
				<u> </u>						
i	ring Well Da						rcle all app	olicable)		
Well Material		(PVC)SS/Te		1/	onitoring W					
Inside Diameter, in.		(1246)		1	ab/Compos	site				
Stick up or stick down h			ft	1 '	lit Sample					
Total depth of well (TD		24.6	ft	1	plicate (Du	iplicate ID:)		
Depth to product	-		ft	1	S/MSD					
Depth to water (DTW)		11.73	ft	Otl	ner					
Conventional s	ampling	←OR=	_ [Micr	opurge sa	mnlina			
Height of water column				of nu	mp placem		mpinis			
(H = TD - DTW)		ft	1 *		d-screen)	CIII	2	1.6 t		
Conversion value (CV)	*		· ·		ged from f	low cell?		Ø/N		
1 Well volume = H x C		gal		-	n > 0.3 feet	IO VI OOLI I	****	(Y)/N:		
3 Well volumes =	V	gal			e sampling	used?		Y/D		
Purge method		501		rate =	Jumping	asva.	NATIONAL DESCRIPTION OF THE PROPERTY OF THE PR	mL/mi		
(B = bailer, P = pum)	p) B/P				from contro	oller consol	e #			
*Conversion values (gal	L /		Ĺ				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
0011,0101011 (3		···,	,		,					
Field Test(s)	Stability	Result R	esult F	Lesult	Result	Result	Result	Result		
Performed	Range		min) (9	min)	(12 min)	(15 min)	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	15.85 15	1.85 1	5.90						
Spec. Cond (µmhos)	+/- 3%	1.54 11.	53 <u>1</u>	54						
D.O. (mg/L)	+/- 10%**			10						
pH	+/- 0.1			.09	,		***************************************			
· /	-/- 10 mV**	130 13	32 /	32						
	+/- 10%**									
$H_2S (mg/L)$					40.000	***************************************	***************************************			
Fe ²⁺ (mg/L)				C		1				
Check stability after three				ifter un	itil achieve	d.				
**Only one of these par	ameters must	reach stabilit	ty.							
01										
Observations: Volume of water purged	from wall:	- mall	anc							
Sample Date: 12/2	/ D >	Samn	ole Time:	14.	DD (mili	tary time)				
Was metals sample filter	red prior to p	recervation?	VEQ	***	method: () 45 um cai	rtridge / otł	ner:		
Color of water before fil	Itration:	After	r filtration	າ. ຄວິ	mounou.	7. 10 part 0a.	urage, ou			
Reaction upon addition				explain	n:					
Appearance of Water: (Clear/Slight	v T urbid/Turb								
Well condition: (2001)	*	ン	5		•					
		_				. 1				
			>			1. 1 /	1 V			
Signature:	· M	1			_ Date:	10/2/1	70			

acility Name: GP		KEI Proje	ect #: 2829e-	001/003		
Sample I.D.: /53		Well Loca	ation:			
Monitoring Well Date					cle all appl	licable)
	PVC)SS/Teflo		Aonitoring W			
Inside Diameter, in.	$(1\bigcirc 46)$		rab/Compos	site		
Stick up or stick down height		ft S	plit Sample		11-	1
Total depth of well (TD)	21	ft	uplicate (Du	iplicate ID:	(12 3 (Duc))
Depth to product			AS/MSD		•	
Depth to water (DTW)	12.65	ft	other			
			7.71		1.	
(Conventional sampling)	⊆ (⇔ OR⇒			opurge sar	npling	
Height of water column			oump placem	ent	,	<i>C</i>
(H = TD - DTW)	ft		nid-screen)	110)
Conversion value (CV)* x			urged from f	low cell?		<u>S/N</u>
	gal		wn > 0.3 feet	10		<u> </u>
	gal		ve sampling	used?		Y
Purge method		Flowrate =				mL/m
/ (B = bailer, P = pump) B / P			r from contro		e #	
*Conversion values (gal/ft): 1" dia = 0	0.04, 2" dia = (0.16, 4" dia	= 0.65, 6" d	ia = 1.47		
Field Test(s) Stability	Result Resu	ılt Result	t Result	Result	Result	Result
*	(3 min) $(6 m)$			(15 min)	(18 min)	(21 min)
	15.60 15.50				1	
	2.53 . 2.54					
~P	24.65 23.3	3 24.44				
(7.51 7.50		7.49			
<u> </u>	231 231		231	,		
Turbidity (NTU) +/- 10%**						
H ₂ S (mg/L)						
Fe^{2+} (mg/L)						
Check stability after three readings and	l every reading	thereafter	until achieve	d.		
**Only one of these parameters must r		,				
<u> </u>	Ţ					
Observations:						
Volume of water purged from well:	gallons	5	./0			
Sample Date: $(2/2/0)$	Sample	Time: <u>14</u>	_: <u>40</u> _ (mili	tary time)		
Was metals sample filtered prior to pre	eservation?	YES NO	method:	0.45 µm cai	rtridge / oth	er:
Color of water before filtration:	After fi	ltration:				
Reaction upon addition of preservative	s2 YES	(V) expl	ain:	·		
Appearance of Water: (Clear/Slightly	Turbid/Turbid	Very Turb	id)			
Well condition: (2001)						
	\sim			1	1 ,	
				10/2	1.0	
Signature:	1		Date:	146	/ U ()	

*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 *Tield Test(s) Stability Result	KEI Project #: 2829e-001/003				
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) I Well volume = H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Well Material Inside Diameter, in. Conduct					
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) I Well volume = H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Well Material Inside Diameter, in. Conduct					
Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV* x 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 **Cield Test(s) **Performed** Split Sample Duplicate (Duplicate ID: MS/MSD Other Depth of pump placement (place mid-screen) (place mid-screen) St. 4 Bubbles purged from flow cell? Is drawdown >0.3 feet Was passive sampling used? Flowrate = mL ID number from controller console # **Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 **Performed** Range Split Sample Duplicate (Duplicate ID: MS/MSD Other Depth of pump placement (place mid-screen) St. 4 Was passive sampling used? Flowrate = mL ID number from controller console # **Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47	;)				
Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Total depth of water (DTW)					
Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) I Well volume = H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 MS/MSD Other					
Conventional sampling ←OR⇒ Micropurge sampling Height of water column (H = TD - DTW) ft Depth of pump placement (place mid-screen) 5 / 4 / 2 / 4 Conversion value (CV)* x Bubbles purged from flow cell? Is drawdown >0.3 feet Ø / N 3 Well volumes = = gal Purge method (B = bailer, P = pump) B / P Was passive sampling used? Flowrate = Y / D *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 *Field Test(s) Stability Result) ;				
Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Field Test(s) Stability Result Resu					
Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Field Test(s) Stability Result Resu					
Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Depth of pump placement (place mid-screen) S / Y D Bubbles purged from flow cell? Is drawdown > 0.3 feet D / N Was passive sampling used? Flowrate = mL ID number from controller console # Performed Result Result					
Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Depth of pump placement (place mid-screen) S / Y D Bubbles purged from flow cell? Is drawdown > 0.3 feet D / N Was passive sampling used? Flowrate = mL ID number from controller console # Purge method Flowrate = mL ID number from controller console # Performed Result					
(H = TD - DTW) Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump) B / P *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 rield Test(s) Stability Result Resul					
Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = = gal Purge method (B = bailer, P = pump) B / P *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 Purge method	ft				
1 Well volume					
Was passive sampling used? Y N Flowrate = mL (B = bailer, P = pump) B / P *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 rield Test(s) Stability Result					
Purge method (B = bailer, P = pump) *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 *Tield Test(s) Stability Result Resu					
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 *Tield Test(s) Stability Result	nL/min				
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47 rield Test(s) Stability Result R					
Field Test(s)StabilityResultResultResultResultResultResultResultResultResultResultResultResultPerformedRange(3 min)(6 min)(9 min)(12 min)(15 min)(18 min)(21 min)					
Performed Range (3 min) (6 min) (9 min) (12 min) (15 min) (18 min) (21 min)					
<u>Performed</u> Range (3 min) (6 min) (9 min) (12 min) (15 min) (18 min) (21 min)	<u>alt</u>				
Towns (90) 1/29/ 1224 12.4/2 12.90	<u> iin)</u>				
Spec. Cond (μmhos) +/- 3% .594 .593 .597					
D.O. (mg/L) +/- 10%** 1.22 1.09 1.05 1.98					
pH +/- 0.1 7.81 7.80 7.81					
ORP (mV) +/- 10 mV** -1 -4 -6 -7					
Turbidity (NTU) +/- 10%**					
H ₂ S ₂ (mg/L)					
Fe ²⁺ (mg/L)					
Check stability after three readings and every reading thereafter until achieved.					
**Only one of these parameters must reach stability.					
Observations:					
Volume of water purged from well: gallons Sample Date: 12 / 2 / 0 \ Sample Time: 15 : 10 (military time)					
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: Color of water before filtration: After filtration:					
Reaction upon addition of preservatives? YES VO explain:					
Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)					
Well condition: (Clear/Stightly Furble/Furble/Very Furble)					
Well condition.					

'acility Name: GP		KEI Project #: 2829e-001/003	
Sample I.D.: /3> 1		Well Location:	
Monitoring Well		Sample Types (cir	cle all applicable)
Well Material	(PVC)SS/Teflo		
Inside Diameter, in.	$(1 \bigcirc 46)$	Grab Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	16-1	ft Duplicate (Duplicate ID:	
Depth to product		ft MS/MSD	
Depth to water (DTW)	10.24	ft Other	
	_		
Conventional sampling	←OR⇒	Micropurge sa	mpling
Height of water column		Depth of pump placement	-
(H = TD - DTW)	ft	(place mid-screen)	/3./ f
Conversion value (CV)* x		Bubbles purged from flow cell?	& /N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	Ø/N
3 Well volumes = =	gal	Was passive sampling used?	Y 🚳
Purgemethod		Flowrate =	mL/mir
(B = bailer, P = pump) B/	P	ID number from controller consol	e #
*Conversion values (gal/ft): 1" dia			
Conversion variets (gaz 10).	· · · · · · · · · · · · · · · · · · ·		•
Field Test(s) Stability	Result Resu	ılt Result Result Result	Result Result
Performed Range	$\overline{(3 \text{ min})}$ $\overline{(6 \text{ m})}$		(18 min) (21 min)
Temperature (°C) +/- 3%	18.22 18.22		
Spec. Cond (µmhos) +/- 3%	1.284 1.284		
D.O. (mg/L) +/- 10%**	11.42 10.95		
pH +/- 0.1	7.09 7.09		
ORP (mV) +/- 10 mV**	* 339 339	339	
Turbidity (NTU) +/- 10%**			
H_2S (mg/L)			
Fe^{2+} (mg/L)			
Check stability after three readings	and every reading	thereafter until achieved.	
**Only one of these parameters mu			
Observations:	\smile		
Volume of water purged from well	: gallon:		
Sample Date: 12/3/08		Time: $9:30$ (military time)	
Was metals sample filtered prior to	preservation?	YES 🔊 method: 0.45 µm cai	tridge / other:
Color of water before filtration:	After f	Itration:	
Reaction upon addition of preserva	tives? YES	explain:	
Appearance of Water: (Clear/Sligh	thy Turbid/Turbid	/Very Turbid)	
Well condition: (2001)			
	\wedge		-
Signature:	$\sim \sim \nu \sim$	Date: 12-3-08	

acility Name: GP		KEI Project #: 2829e-001/003	
Sample I.D.: 145		Well Location:	
Monitoring Well Da	ıta	Sample Types (circle	e all applicable)
Well Material	(PVC)SS/Teflo		
Inside Diameter, in.	(1246)	Grab/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	26	ft Duplicate (Duplicate ID:	
Depth to product		ft MS/MSD	
Depth to water (DTW)	9.4	ft Other	
(Conventional sampling)	(≠OR⇒	Micropurge samp	oling
Height of water column		Depth of pump placement	
(H = TD - DTW)	ft	(place mid-screen)	23 , ft
Conversion value (CV)* x		Bubbles purged from flow cell?	Ø/N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	6 /N
3 Well volumes = =	gal	Was passive sampling used?	Y /Ø
Purge method	Sur	Flowrate =	mL/min
(B = bailer, P = pump) B / P		ID number from controller console	#
*Conversion values (gal/ft): 1" dia =			
Conversion values (gainty). I did	0.01, 2 and	5.10, 1 414 0.00, 0 414 11	
rield Test(s) Stability	Result Resu	ılt Result <u>Result</u> <u>Result</u>	Result Result
Performed Range	(3 min) (6 mi		18 min) (21 min)
Temperature (°C) +/- 3%	15.24 15.29		
Spec. Cond (µmhos) +/- 3%	2.47 2.40		
D.O. (mg/L) +/- 10%**	195 159	,50	
pH +/- 0.1	7,83 7.02		
ORP (mV) +/- 10 mV**	35 56		
Turbidity (NTU) +/- 10%**			
H ₂ S (mg/L)			
$Fe^{2+} (mg/L)$			
Check stability after three readings as	nd every reading	thereafter until achieved.	
**Only one of these parameters must		,	
omy <u>one</u> or mose parameters	,		•
Observations:			
Volume of water purged from well:	gallons	5	
Sample Date: 12/3/08	Sample	Time: <u>[0]</u> : <u>bO</u> (military time)	
Was metals sample filtered prior to p	reservation?	YES 🙀 method: 0.45 μm cartri	idge / other:
Color of water before filtration:	After fi	ltration:	
Reaction upon addition of preservative		(O) explain:	
Appearance of Water: (Clear/Slight)			
Well condition: (2001)			
		_	
		1.1.	•
Signature:		Date: 12/3/0 V	

acility Name: GP		KEI P	EI Project #: 2829e-001/003				
Sample I.D.: /52		Well I	ell Location:				
Monitoring W	Vell Data					cle all app	licable)
Well Material	(PVC)SS/Tef	lon)	Moni	toring W	/ell		
Inside Diameter, in.	$(1 \bigcirc 46)$		Grab/	Compos	site		
Stick up or stick down height	***************************************	ft	Split	Sample			
Total depth of well (TD)	18.65	ft	Dupli	cate (Du	plicate ID:		
Depth to product		ft	MS/N	ISD			
Depth to water (DTW)	14.12	ft	Other				
			L				
Conventional sampling	ng) ←OR⇒	, [Micr	opurge sai	mpling	
Height of water column			of numr	placem			
(H = TD - DTW)	ft		e mid-s	-		15	.65
Conversion value (CV)* x		1			low cell?		Ø/N
1 Well volume = H x CV =	gal			0.3 feet			Ø/N
3 Well volumes = =	gal			ampling	used?	***************************************	Y /Ø
Purge method	501	Flowra		p5	asta.	***************************************	mL/
(B = bailer, P = pump)	B/P	1		m contro	oller consol	e #	
*Conversion values (gal/ft): 1							
Conversion values (gainty, 1	uiu 0.01, 22 uiu	0.10, 1					
Field Test(s) Stabil	lity Result Re-	sult Re	sult	Result	Result	Result	Result
Performed Ran	=			12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3				11.55			
Spec. Cond (µmhos) +/- 3				621			
D.O. (mg/L) +/- 109				9.34	-		
pH +/- 0				7.34			
ORP (mV) +/- 10 n				206			
Turbidity (NTU) +/- 109	<u></u>						
H_2S (mg/L)	***************************************						
Fe^{2+} (mg/L)	·						
Check stability after three read	ings and every readir	g thereaf	er until	achieve	d.		
**Only one of these parameter							
-							
Observations:							
	well: gallor						
Volume of water purged from		e Time: /	0 : 30		tary time)		
Volume of water purged from Sample Date: 12/3/08		· · · · ·					er.
	Sample	YES X	fg) n	nethod: ().45 µm cai	tridge / oth	
Sample Date: 12/3/08 Was metals sample filtered price Color of water before filtration	Sample or to preservation?	YES X).45 µm cai	tridge / oth	
Sample Date: 12/3/08 Was metals sample filtered price Color of water before filtration	Sample or to preservation?	YES X	m xplain:_).45 µm cai	tridge / oth	
Sample Date: 12/3/08 Was metals sample filtered price	Sample or to preservation? After ervatives? YES	YES Filtration:	xplain:_).45 µm cai	tridge / oth	
Sample Date: 12/3/08 Was metals sample filtered price Color of water before filtration Reaction upon addition of pres	Sample or to preservation? After ervatives? YES	YES Filtration:	xplain:_).45 µm cai	tridge / oth	
Sample Date: 12/3/06 Was metals sample filtered price Color of water before filtration Reaction upon addition of pres Appearance of Water: (Clear/S	Sample or to preservation? After ervatives? YES	YES Filtration:	xplain:_).45 μm cai	tridge / oth	
Sample Date: 12/3/08 Was metals sample filtered price Color of water before filtration Reaction upon addition of pres Appearance of Water: (Clear/S	Sample or to preservation? After ervatives? YES	YES Filtration:	xplain:_).45 μm cai	tridge / oth	

Pacility Name: GP		KE	I Project #: 2	2829e-001/003	
Sample I.D.: 146		We	ell Location:		
			F		
	ng Well Data			· · · · · · · · · · · · · · · · · · ·	cle all applicable)
Well Material		SS/Teflon)		ring Well	
Inside Diameter, in.		246)	i	omposite	
Stick up or stick down hei		ft	Split Sa	•	,
Total depth of well (TD)	23.			ate (Duplicate ID:)
Depth to product	MANAGE OF THE PROPERTY OF THE	ft	MS/MS	SD	
Depth to water (DTW)	9.9	8 ft	Other_		
		 			
Conventional san	npling	=OR⇒		Micropurge san	mpling
Height of water column			th of pump p		747
(H = TD - DTW)	ft	(4	place mid-scr	,	20.3
Conversion value (CV)*	X			from flow cell?	Ø/ N
1 Well volume = H x CV	= gal		rawdown >0		Ø/N
3 Well volumes =	= gal	Was	s passive san	npling used?	Y 🐼
Purge method			vrate =		mL/n
(B = bailer, P = pump)	B / P			controller consol	e #
*Conversion values (gal/ft	1" dia = 0.04, 2	" dia = 0.16 ,	4" dia = 0.65	5, 6" dia = 1.47	
Zield Teed(e) C	tability Result	Result	Result R	esult Result	Result Result
	Range (3 min			2 min) (15 min)	(18 min) (21 min)
	+/- 3% (4.93)	· / A	5.01	<u> </u>	110 111111) (21 111111)
	+/- 3% (.(24)		1.124		
1 /	- 10%** · 37	132	138		
()	+/- 0.1 6.97	6.97	6.98		
I ·	10 mV** 252		251		*
	- 10%**				
$H_2S (mg/L)$	1070	-			
Fe ²⁺ (mg/L)				***************************************	
Check stability after three	readings and every	reading there	eafter until a	chieved	A CONTRACTOR OF THE PARTY OF TH
**Only one of these param					
Omy one of these param	ictors mast reach s				
Observations:					
Volume of water purged fr	om well:	gallons			
Sample Date: 12/3/		Sample Time	: 11 : 00	(military time)	
Was metals sample filtered				thod: 0.45 µm car	tridge / other:
		After filtration			
Color of water before filtra		YES NO	explain:		· · · · · · · · · · · · · · · · · · ·
Reaction upon addition of	ear/Slightly Turbid	i/ I GILOIG/ Y OL Y	,		
Color of water before filtra Reaction upon addition of Appearance of Water: (Clowell condition:	ear/Slightly Turbic	ii i dioidi v oi y			
Reaction upon addition of	ear/Slightly Turbic	ar i di olar v oly			
Reaction upon addition of Appearance of Water: (Cl	ear/Slightly Turbic	ar i di olda v el y		, ,	
Reaction upon addition of Appearance of Water: (Cl	ear/Slightly Turbic	C C		, //,	

acility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: /D-/K	Well Location:
Sample I.D 10 TK	TI OII LOOGUUGIA
Monitoring Well Data Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW) Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* 1 Well volume = H x CV = gal 3 Well volumes = gal	Sample Types (circle all applicable) VC)SS/Teflon)
Purgemethod	Flowrate = mL/mir
(B = bailer, P = pump) B / P	ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.0	04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47
Performed Range (3) Temperature (°C) +/- 3% 14 Spec. Cond (μmhos) +/- 3% 4 D.O. (mg/L) +/- 10%** 5 pH +/- 0.1 1 ORP (mV) +/- 10 mV** 1 Turbidity (NTU) +/- 10%** - H ₂ S (mg/L) - - Fe ²⁺ (mg/L) - -	Result R
Check stability after three readings and example one of these parameters must read observations: Volume of water purged from well: Sample Date: 12/3/08 Was metals sample filtered prior to prese Color of water before filtration: Reaction upon addition of preservatives? Appearance of Water: (Clear/Slightly Townsell condition: 47001)	gallonssample Time:: 30 (military time) ervation? YES

acility Name: GP		KEI Project #: 2829e-001/003	<u> </u>
Sample I.D.: /50		Well Location:	
Monitoring Well D	ata		ircle all applicable)
Well Material	(PVC)SS/Teflor		
Inside Diameter, in.	(1246)	Grab/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	18.6	ft Duplicate (Duplicate II):)
Depth to product		ft MS/MSD	
Depth to water (DTW)	13.64	ft Other	
Conventional sampling	←OR⇒	Micropurge s	ampling
Height of water column		Depth of pump placement	
(H = TD - DTW)	ft	(place mid-screen)	15.6 f
Conversion value (CV)* x		Bubbles purged from flow cell?	N (S
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	<u>Ø/N</u>
3 Well volumes = =	gal	Was passive sampling used?	Y /Ø
Purge method		Flowrate =	mL/min
(B = bailer, P = pump) B / 1	P .	ID number from controller conse	ole #
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia $= 0$	0.16, 4" dia = $0.65, 6$ " dia = 1.47	
Field Test(s) Stability	Result Resu		
Performed Range	(3 min) (6 mi) (18 min) (21 min)
Temperature (°C) +/- 3%	16.38 16.41		
Spec. Cond (µmhos) +/- 3%	1.78 1.60		
D.O. (mg/L) +/- 10%** pH +/- 0.1	1.78 1.60 7.20 7.20		
pH +/- 0.1 ORP (mV) +/- 10 mV**		285	
OKF (III V)	286 285		
,			
Turbidity (NTU) +/- 10%**			
Turbidity (NTU) +/- 10%** H ₂ S (mg/L)			
Turbidity (NTU) +/- 10% ** H ₂ S (mg/L) Fe ²⁺ (mg/L)	and every reading	thereafter until achieved.	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a		thereafter until achieved.	
Turbidity (NTU) +/- 10% ** H ₂ S (mg/L) Fe ²⁺ (mg/L)		thereafter until achieved.	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a		thereafter until achieved.	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters must	st reach stability. gallons		
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08	st reach stability gallons Sample	Time: <u>/2</u> : <u>30</u> (military time)	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2/ / / 08 Was metals sample filtered prior to p	st reach stability. gallons Sample for the preservation?	Time: <u>/2</u> : <u>30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / v8 Was metals sample filtered prior to p Color of water before filtration:	gallons Sample preservation? After fil	Time: <u>/2</u> : <u>30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters must Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08 Was metals sample filtered prior to p Color of water before filtration: Reaction upon addition of preservations	gallons Sample preservation? Y After filives? YES	Time: <u>/2 : 30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08 Was metals sample filtered prior to parameters of water before filtration: Reaction upon addition of preservations Appearance of Water: (Clear/Slight)	gallons Sample preservation? Y After filives? YES	Time: <u>/2 : 30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters must Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08 Was metals sample filtered prior to p Color of water before filtration: Reaction upon addition of preservations	gallons Sample preservation? Y After filives? YES	Time: <u>/2 : 30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08 Was metals sample filtered prior to parameters of water before filtration: Reaction upon addition of preservations Appearance of Water: (Clear/Slight)	gallons Sample preservation? Y After filives? YES	Time: <u>/2 : 30</u> (military time) /ES	
Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 08 Was metals sample filtered prior to parameters of water before filtration: Reaction upon addition of preservations Appearance of Water: (Clear/Slight)	gallons Sample preservation? Y After filives? YES	Time: <u>/2 : 30</u> (military time) /ES	

acility Name: GP			KEI Pr	oject #: 2829e	-001/003		
Sample I.D.: /35			Well L	ocation:			
	ing Well Da				Types (cir	cle all app	licable)
Well Material	-	(PVC)SS/Teflo	on)	Monitoring V			
Inside Diameter, in.	<u>-</u>	$(1\bigcirc 46)$		Grab/Compo	site		
Stick up or stick down h		10 0-00	ft	Split Sample	ti i tro		,
Total depth of well (TD)	_	18-88	ft	Duplicate (D	uplicate ID:)
Depth to product	-		ft	MS/MSD			
Depth to water (DTW)		13.9	ft	Other			
				3.4		7 4	
Conventional sa	ampling	≠OR⇒	D (1		ropurge sai	mpling	
Height of water column				f pump placen	nent	1.	5.88
(H = TD - DTW)	/	<u>ft</u>	, -	e mid-screen)	o 110		Ø/N
Conversion value (CV)*		1	1	purged from			Ø/N Ø/N
1 Well volume = H x CV		gal	1	lown >0.3 feet			YO
3 Well volumes =	manus	gal	Was pas Flowrat	ssive sampling	useu?		mL/r
Purge method	B/P			e – ber from contr	oller consol	e #	1111_//1
*Conversion values (gala	/					C FF	
*Conversion values (gain	(11). 1 uia –	- 0.04, 2 tila – (J.10, + u	1a - 0.05, 0	.14 1.77		
Field Test(s)	Stability	Result Resu	ılt Res	ult Result	Result	Result	Result
Performed	Range	$\overline{\text{(3 min)}}$ $\overline{\text{(6 m)}}$				(18 min)	(21 min)
Temperature (°C)	+/- 3%	15.97 16.03	160	>			
, ,	+/- 3%	1740 1745	1744				
	+/- 10%**	2.29 2.3	2,30				
pН	+/- 0.1	7.23 7.27	7,2	<u> </u>			
, ,	/- 10 mV**	280 281	280		***		
	+/- 10%**						
$H_2S (mg/L)$							-
Fe ²⁺ (mg/L)	4.			. 1 1 1	4		
Check stability after thre			thereafte	er until achieve	ed.		
**Only one of these para	ımeters must	reach stability.					
Observations							
Observations: Volume of water purged	from well:	- gallons	•				
Sample Date: $\frac{12}{3}$	/ 1 8	Sample	Time:	3: (mil	itary time)		
Was metals sample filter	ed prior to p	reservation?	YES A	method:	0.45 um cai	tridge / oth	ier:
Color of water before filt							
Reaction upon addition of	of preservativ	ves? YES	vo ex	plain:	-		
Appearance of Water: (0	Clear/Slight	y Turbie Turbid		_			-
Well condition: (700)		The state of the s	.	,			
						,	
			_			111	

acility Name: GP				KEI Project #: 2829e-001/003					
Sample I.D.: Iw-2				Well Location:					
Monitoria	ıg Well Da						cle all app	licable)	
Well Material	_	(PVC)SS	/Teflon)	1/-	onitoring W				
Inside Diameter, in.	_	(10)	4 6)	ł I	ab/Compos	ite			
Stick up or stick down hei	ght		ft	1 '	it Sample				
Total depth of well (TD)	_	17	ft	1 1	plicate (Du	plicate ID:		······	
Depth to product	•		ft		S/MSD				
Depth to water (DTW)		13.47	ft	Oth	ner				
Conventional sar	npling	←0)R⇒			opurge sai	mpling		
Height of water column					mp placem	ent	15	1	
(H = TD - DTW)		ft	1	(place mid		110		1 10 / NT	
Conversion value (CV)*	X		l l	_	ged from fl	low cell?	And the second s	Ø /N Ø /N	
Well volume = H x CV	=	gal			1 > 0.3 feet	10			
Well volumes =		gal	i	_	sampling	used?		Y / N mL/	
Purge method	D / D		1	owrate =	4	11 1	e #	IIIL/	
(B = bailer, P = pump)	B/P				rom contro		e #		
*Conversion values (gal/fi	t): 1" dia =	0.04, 270	ma = 0.10), 4 dia –	0.05, 0 01	a - 1.47			
Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result	
	Range	$\overline{(3 \text{ min})}$	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)	
	+/- 3%	16-38	16.43	16.47			***************************************		
	+/- 3%	1674	,674	676					
- ·	- 10%**	137	131	129					
D.O. (mg/L) +/ pH	- 10%** +/- 0.1	7.32	7,32	7.31					
D.O. (mg/L) +/ pH ORP (mV) +/-	- 10%** +/- 0.1 10 mV**								
D.O. (mg/L) +/ bH ORP (mV) +/- Turbidity (NTU) +/	- 10%** +/- 0.1	7.32	7,32	7.31					
D.O. (mg/L) +/ bH DRP (mV) +/- Furbidity (NTU) +/ H ₂ S (mg/L)	- 10%** +/- 0.1 10 mV**	7.32	7,32	7.31					
D.O. (mg/L) +/ pH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L)	- 10%** +/- 0.1 10 mV** - 10%**	7.7L 252	7.32	7.31 247					
D.O. (mg/L) +/ bH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three	- 10%** +/- 0.1 10 mV** - 10%** readings ar	7.7L 252	7.32 248 ——————————————————————————————————	7.31 247	til achieve	d.			
pH ORP (mV) +/-	- 10%** +/- 0.1 10 mV** - 10%** readings ar	7.7L 252	7.32 248 ——————————————————————————————————	7.31 247	til achieve	d.			
D.O. (mg/L) +/ bH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three **Only one of these paran	- 10%** +/- 0.1 10 mV** - 10%** readings ar	7.7L 252	7.32 248 ——————————————————————————————————	7.31 247	til achieve	d.			
D.O. (mg/L) +/ bH DRP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Check stability after three **Only one of these param Observations:	- 10%** +/- 0.1 10 mV** - 10%** readings an	7.7L 252 and every representations	218eading the pility.	7.31 247	til achieve	d.			
D.O. (mg/L) +/ bH DRP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Check stability after three "*Only one of these param Observations: Volume of water purged fi	- 10%** +/- 0.1 10 mV** - 10%** readings an	7.7L 252 and every representations and every representations and every representations are also as a second every representations and every representations are also as a second every representations and every representations are also as a second every representations.	248 eading the oility.	7.31 247 ereafter un					
D.O. (mg/L) +/ bH DRP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Theck stability after three **Only one of these param Dbservations: Volume of water purged for sample Date: /2/3/	- 10%** +/- 0.1 10 mV** - 10%** readings an eters must	7.7L 252 and every reach stab	248 eading the pility. gallons ample Tim	7.31 247 ereafter un	30 (mili	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/ bH DRP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged fi Sample Date: 12/3/ Was metals sample filtered	- 10%** +/- 0.1 10 mV** - 10%** readings are neters must	nd every regreach stab	eading the coility. gallons ample Time?	7.31 247 ereafter un	$\frac{30}{\text{method:}}$	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/ oH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged file Sample Date: /2/3/ Was metals sample filtered Color of water before filtra	- 10%** +/- 0.1 10 mV** - 10%** readings are neters must rom well:	nd every reach stab	eading the oility. gallons ample Time YES after filtra	7.31 247 ereafter un	$\frac{30}{\text{method:}}$	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/pH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged filtered Sample Date: /2/3/ Was metals sample filtered Color of water before filtra Reaction upon addition of	readings an eters must d prior to pation:	7.7L 252 and every recorded reach stable st	eading the pility. gallons ample Time YES Content of the pility of the	7.31 247 ereafter un tion:explain	(milinethod: 0	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/ OH ORP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged filtered Sample Date: /2 / 3 / Was metals sample filtered Color of water before filtra Reaction upon addition of Appearance of Water: (Cl	readings an eters must d prior to pation:	7.7L 252 and every recorded reach stable st	eading the pility. gallons ample Time YES Content of the pility of the	7.31 247 ereafter un tion:explain	(milinethod: 0	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/ bH DRP (mV) +/- Turbidity (NTU) +/ H ₂ S (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged filtered Sample Date: 12/3/ Was metals sample filtered Color of water before filtra Reaction upon addition of	readings an eters must d prior to pation:	7.7L 252 and every recorded reach stable st	eading the pility. gallons ample Time YES Content of the pility of the	7.31 247 ereafter un tion:explain	(milinethod: 0	tary time)	rtridge / oth	ner:	
D.O. (mg/L) +/oH ORP (mV) +/- Furbidity (NTU) +/ H ₂ S (mg/L) Check stability after three **Only one of these param Observations: Volume of water purged filtered Sample Date: 12/3/ Vas metals sample filtered Color of water before filtra Reaction upon addition of Appearance of Water: (Cl	readings an eters must d prior to pation:	7.7L 252 and every recorded reach stable st	eading the pility. gallons ample Time YES Content of the pility of the	7.31 247 ereafter un tion:explain	(milinethod: 0	tary time)	rtridge / oth	ner:	

C 1 TT) 1		KEI Projec	t #: 2829e-	001/003		
Sample I.D.: Iw-		Well Locat	ion:			
Monitoring Well D					cle all app	licable)
Well Material	(PVC)SS/Teflo		onitoring W			
Inside Diameter, in.	(1246)		ab/Compos	ite		
Stick up or stick down height			lit Sample	11		,
Total depth of well (TD)	19			plicate ID:)
Depth to product			S/MSD			
Depth to water (DTW)	12.41	ft Otl	ner			
Conventional sampling	≠OR⇒		Micr	opurge sai	mpling	
Height of water column		Depth of pu			<u>, , , , , , , , , , , , , , , , , , , </u>	
(H = TD - DTW)	ft	(place mi			12	
Conversion value (CV)* x		Bubbles pur		low cell?		Ø/ N
1 Well volume H x CV =	gal	Is drawdown	_		***************************************	Ø/N
3 Well volumes = =	gal	Was passive	sampling	used?		Y/N
Purge method		Flowrate =				mL/n
(B = bailer, P = pump) B / I	P	ID number f	rom contro	ller consol	e #	
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia = (0.16, 4" dia =	0.65, 6" di	a = 1.47		
rield Test(s) Stability	Result Resu	ult Result	Result	Result	Result	Result
Performed Range	(3 min) (6 m	in) (9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3%	15.15 15.39	<u>î</u> 15.41	15:39	15.41		
Spec. Cond (µmhos) +/- 3%	1.236 1.159		1.004	1985		
D.O. (mg/L) $+/- 10\%**$	178 168	4.4	105	164		***************************************
п Ц	6.36 6.39		69	6.50		
pH +/- 0.1			104	64		
ORP (mV) +/- 10 mV**	85 80			-		
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%**						
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L)						
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L)						
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a	and every reading			d.		
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L)	and every reading			d.		
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus	and every reading			d.		
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations:	and every reading st reach stability.	thereafter un	til achieved			
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well:	and every reading st reach stability.	thereafter un	til achieved			
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / *	and every reading st reach stability. gallons Sample	thereafter un Time: 14 :	til achieve	tary time)	rtridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / * Was metals sample filtered prior to parameters of the seminary	and every reading st reach stability. gallons Sample preservation? After fi	thereafter un Time: 14 : YES 🐼	otil achieved over (military method: 0	tary time)	rtridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 6 \ Was metals sample filtered prior to parameters of the second of the sec	and every reading st reach stability. gallons Sample preservation? After filters? YES	thereafter un Time: ['- : YES & Itration:	til achieved	tary time)	rtridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 0 \ Was metals sample filtered prior to p Color of water before filtration: Reaction upon addition of preservati Appearance of Water: (Clear/Slight)	and every reading st reach stability. gallons Sample preservation? After filters? YES	thereafter un Time: ['- : YES & Itration:	til achieved	tary time)	rtridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well:	and every reading st reach stability. gallons Sample preservation? After filters? YES	thereafter un Time: ['- : YES & Itration:	til achieved	tary time)	rtridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 0 \ Was metals sample filtered prior to p Color of water before filtration: Reaction upon addition of preservati Appearance of Water: (Clear/Slight)	and every reading st reach stability. gallons Sample preservation? After filters? YES	thereafter un Time: ['- : YES & Itration:	til achieved	tary time)	tridge / oth	er:
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%** H ₂ S (mg/L) Fe ²⁺ (mg/L) Check stability after three readings a **Only one of these parameters mus Observations: Volume of water purged from well: Sample Date: /2 / 3 / 0 \ Was metals sample filtered prior to p Color of water before filtration: Reaction upon addition of preservati Appearance of Water: (Clear/Slight)	and every reading st reach stability. gallons Sample preservation? After filters? YES	thereafter un Time: ['- : YES & Itration:	til achieved	tary time)	rtridge / oth	er:

acility Name: GP			K	EI Pro	ject	#: 2829e-	001/003		
Sample I.D.: 163	Marketter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		V	Vell Lo	catio	on:			· · · · · · · · · · · · · · · · · · ·
				, ,					
	toring Well Da		/mm					rcle all app	olicable)
Well Material		(PVC)SS/		-1 1.	/	nitoring W			
Inside Diameter, in.		(10)		- 1		h/Compos	site		
Stick up or stick down			ft	- 1	•	t Sample			
Total depth of well (T	D) .	19.45		-1 1			iplicate ID)
Depth to product	· 		ft	-		/MSD			
Depth to water (DTW	7)	12.2	4 ft		Oth	er			
			_			7		1.	
Conventiona		 ←0					opurge sa	mpling	
Height of water colum	nn		D	~	-	np placem	ent	, 1	45
(H = TD - DTW)	_/	ft		126		l-screen)	4 44.0		.45 ft
Conversion value (CX					_	ged from f	low cell?		M/N
1 Well volume = H x	CV =	gal				>0.3 feet			(Y)/ N
3 Well volumes =	-	gal	j.	•		sampling	used?		Y /Ø
Purge method				owrate.					mL/min
/ (B = bailer, P = pu			L				oller consol	le #	
*Conversion values (g	gal/ft): 1" dia =	= 0.04, 2" d	lia = 0.16	5, 4" di	a = 0	0.65, 6" d	ia = 1.47		
3. 11/15 4/)	C4-1-1114	D a a 14	Dogult	Dogg	.1+	D coult	Result	Result	Result
Field Test(s)	Stability	Result	Result	Resu		Result			
Performed	Range		(6 min)			(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%		15.13	15/18				4	
Spec. Cond (µmhos)			<u>\\\</u>	<u>, 4/9</u>				***************************************	
D.O. (mg/L)	+/- 10%**	190	186	78					
pH	+/- 0.1		7.12	7.11					
ORP (mV)	+/- 10 mV**	_54	_53	53					
Turbidity (NTU)	+/- 10%**								
$H_2S (mg/L)$									
Fe ²⁺ (mg/L)	1.	1	1' /1	C		.11 :	J		
Check stability after the	_	-	-	ereanter	unt	n acmeve	a.		
**Only one of these p	arameters must	reach stab	ility.						
Observations:	1.0 11		11						
Volume of water purg		ga	allons	14	1 2	BO (mili	4 4 ! \		
Sample Date: 12/								/ .1	
Was metals sample fil)	method: ().45 µm ca	rtridge / oth	ier:
Color of water before			fter filtra						
Reaction upon additio			es Mo						
Appearance of Water:		y Turbid T	urbid/Ve	ery Turb	oid)				
Well condition: 400	り								
)				10		
							1 h lace		
Signature:		T	STATE OF THE PARTY			Date: /	4/7/18		

acility Name: GP		KEI Project #: 2829e-001/003	·
Sample I.D.: 173		Well Location:	
Monitoring Well D	ata	Sample Types (circ	ele all applicable)
Well Material	(PVC)SS/Teflo	n) Monitoring Well	
Inside Diameter, in.	(1246)	Grah/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	17.7	ft Duplicate (Duplicate ID:)
Depth to product		ft MS/MSD	
Depth to water (DTW)	13.88	ft Other	
Deput to water (21 w)	12.00		
Conventional sampling	←OR⇒	Micropurge san	ınlinσ
		Depth of pump placement	1711115
Height of water column	ft	(place mid-screen)	14.7 f
(H = TD – DTW)	11	Bubbles purged from flow cell?	<u>Ø/N</u>
Conversion value (CV)* x		Is drawdown >0.3 feet	<u>₩</u> /N
1 Well volume = H x CV =	gal		$\frac{D}{Y}$
3 Well volumes = _=	gal	Was passive sampling used?	mL/mii
Purgemethod		Flowrate =	
(B = bailer, P = pump) B/1		ID number from controller console	#
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia $= 0.04$	0.16, 4'' dia = 0.65, 6'' dia = 1.4/	
		1 2 1 2 1	D 14 D14
Field Test(s) Stability	Result Resu		Result Result
<u>Performed</u> Range	(3 min) (6 mi		(18 min) (21 min)
Temperature (°C) +/- 3%	16.01 16.04		
Spec. Cond (µmhos) +/- 3%	1677 1679	. 679	***************************************
D.O. (mg/L) +/- 10%**	3.75 3.81		
pH +/- 0.1	7.26 7.26		
ORP (mV) +/- 10 mV**	142 143		
Turbidity (NTU) +/- 10%**			
H_2S_{2+} (mg/L)			
Fe^{2+} (mg/L)			
Check stability after three readings a		thereafter until achieved.	
**Only one of these parameters mus	t reach stability.		
Observations:			
Volume of water purged from well:	gallons	T: 15 00 (williams time)	
Sample Date: 12/5/08		Time: $15 : 00$ (military time)	11/-41
Was metals sample filtered prior to j	oreservation?	method: 0.45 μm cart	ridge / other:
Color of water before filtration:		ltration:	
Reaction upon addition of preservat	ves? YES (<u> </u>	
Appearance of Water: (Clear/Slight	ly Turbid/Turbid	Very Turbid)	
Well condition: (700)			
- 4:			
		Date: 12/3/	

lacility Name: GP			KEI Pr	oject #: 2829e	-001/003		
Sample I.D.: 156			Well L	ocation:			
Monitoring	Well Data_	_			e Types (cir	cle all app	licable)
Well Material	_(PV	C)SS/Teflo	on)	Monitoring V	Vell		
Inside Diameter, in.		(1246)		Grab/Compo	site		
Stick up or stick down heigh	t		ft	Split Sample			
Total depth of well (TD)	18	55	ft	Duplicate (D	uplicate ID:)
Depth to product			ft	MS/MSD			
Depth to water (DTW)		2,7	ft	Other			
Conventional samp	ling	⇔OR⇒		Mic	ropurge sa	mpling	
Height of water column		() ()	Depth o	f pump placen			
(H = TD - DTW)	ft			e mid-screen)		15	5,55 ft
1	X			purged from	flow cell?		Ø/N
	= gal		1	down >0.3 feet			y / N
_	= gal			ssive sampling			YA
Purge method	gai		Flowrat		, abou.		mL/min
	B / P			e ber from contr	oller consol	e #	***************************************
*Conversion values (gal/ft):)" dia — (L			<u> </u>	
*Conversion values (gai/it).	1 414 - 0.04	\cdot , z uia $-$ (7.10, 4 u	$11a = 0.05, 0^{\circ}$	11a — 1.¬/		
Stall Transfer	hilitr. Dog	nult Dog	ılt Res	ult Result	Result	Result	Result
	bility Res					(18 min)	(21 min)
the state of the s	inge (3 n - 3% (4.9)	nin) (6 mi 15 14.95			(13 11111)	(10 11111)	(21 11111)
		3 611	1917	//			
1 1							

I I						***************************************	
()	mV** <u>130</u>	/25	122				
	0%**						
$H_2S (mg/L)$	-						
Fe ²⁺ (mg/L)	1. 1	1'	41 O	an anntil a alai arre	~ J		
Check stability after three rea			tnereaπe	er until achieve	ea.		
**Only one of these paramet	ers must reac	n stability.					
Observations:	11		_				
Volume of water purged from Sample Date: 12/3/0 Was metals sample filtered p	n weii:	ganons	5 771: / ⁶	5 . 30 (mil	itamy tima)		
Sample Date: 1/9/0	<u>O</u>	Sample	Time:	(IIII)	o 45 um es		or:
Was metals sample filtered p	rior to preser	vation?	YES N	method:	0.45 µm ca	rtriage / our	E1.
Color of water before intration	J11.	/\	manon		,		
Reaction upon addition of pr				plain:			**************************************
Appearance of Water: (Clear	r/Slightly Tur	bia/Turbia	very iu	rbia)			
Well condition: (2001)							
÷ .							
					/	/_	
Ciamatana				Date:	12/3/	B	
Signature:				Date.	1 - 1 / 1 / 1	// J	

- ilita Namar CB		VEI Project #: 2820a 001/002
Pacility Name: GP		KEI Project #: 2829e-001/003
Sample I.D.: 15		Well Location:
Monitoring Wall D	Acto	Sample Types (circle all applicable)
Monitoring Well D Well Material	(PVC)SS/Teflo	
Inside Diameter, in.	$\frac{(\text{r V C})33/16110}{(1246)}$	Grah/Composite
	(1240)	ft Split Sample
Stick up or stick down height	10:1	ft Duplicate (Duplicate ID:)
Total depth of well (TD)	18.6	ft MS/MSD
Depth to product	11/1/8	
Depth to water (DTW)	14.48	ft Other
Conventional sampling	(≠OR⇒	Micropurge sampling
Height of water column		Depth of pump placement
(H = TD – DTW)	ft	(place mid-screen) 15.6 fi
Conversion value (CV)* x	11	Bubbles purged from flow cell?
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet
3 Well volumes = =	gal	Was passive sampling used? Y/N
Purge method	541	Flowrate = mL/min
(B = bailer, P = pump) B/	p	ID number from controller console #
*Conversion values (gal/ft): 1" dia		
Conversion values (gainty, 1 did	0.01, 2 ara	0.10, 1 did 0.00, 0 did 1.77
Field Test(s) Stability	Result Res	sult Result Result Result Result
Performed Range	$\overline{\text{(3 min)}}$ $\overline{\text{(6 m)}}$	
Temperature (°C) +/- 3%	14.48 14.54	
Spec. Cond (µmhos) +/- 3%	.961 ,961	
D.O. (mg/L) +/- 10%**	1.89 1.81	1,79
pH +/- 0.1	7.15 7.15	7.14
ORP (mV) +/- 10 mV**		177
Turbidity (NTU) +/- 10%**		
$H_2S (mg/L)$		
Fe^{2+} (mg/L)		
Check stability after three readings a		
**Only one of these parameters mus	st reach stability.	
Observations:		
Volume of water purged from well:	gallons	
Sample Date: (2/3/08	Sample	e Time: 16 : 00 (military time)
		YES method: 0.45 μm cartridge / other:
Color of water before filtration:		filtration
Reaction upon addition of preservati	The state of the s	explain:
Appearance of Water: (Clear/Slight	ly Turbid/Turbid	d/Very Turbid)
Well condition: (700)		
)
Cimatana		Date: 12/3/05
Signature:		Date: 147/03

acility Name: GP				KEI Proj	ect #: 2829e-	001/003			
Sample I.D.: 157				Well Loc	ation:				
	toring Well Da					Types (cir	cle all app	licable)	
Well Material		(PVC)SS			Aonitoring V				
Inside Diameter, in.		-(1Q)			Grab/Compos	site			
Stick up or stick down				 1	Split Sample	44 ***			,
Total depth of well (T	D) .	17,5			Duplicate (Du	aplicate ID:			_)
Depth to product					MS/MSD				
Depth to water (DTW)	12.6	,3	ft C	Other				
									
Conventional	l sampling	<u></u> ←0	DR⇒ ∟			copurge sai	mpling		
Height of water colum	in				oump placem	nent		1	
(H = TD - DTW)	/	ft		•	nid-screen)			1.55	ft
Conversion value (CV)* <u>x</u>		1	-	urged from f			Ø/N	
1 Well volume = H x	CV =	gal		Is drawdo	wn >0.3 feet			Q/D	
3 Well volumes =		gal		Was passi	ve sampling	used?		Y/N_	
Purge method				Flowrate:	ancer acces			mL	/min
(B = bailer, P = pure	mp) B/P	•		ID numbe	r from contro	oller consol	e #		
*Conversion values (g	gal/ft): 1" dia =	= 0.04, 2"	dia = 0.	16, 4" dia	= 0.65, 6" d	ia = 1.47			
Field Test(s)	Stability	<u>Result</u>	Resul			Result	Result	Result	1
<u>Performed</u>	Range	(3 min)	<u>(6 mir</u>			(15 min)	(18 min)	<u>(21 min</u>	<u>η</u>
Temperature (°C)	+/- 3%	12.99	13,23	13,36	<u>β,3δ</u>				-
Spec. Cond (µmhos)	+/- 3%	1728	.728	,728	.72.7	Name			-
D.O. (mg/L)	+/- 10%**	3.09	2177	2.70	2.64				-
pН	+/- 0.1	7.32	7.30	7.29					-
ORP (mV)	+/- 10 mV**	201	200	200	201		WATER TO SERVICE THE PARTY OF T		-
Turbidity (NTU)	+/- 10%**			****					-
H_2S (mg/L)				-			44444		-
Fe ²⁺ (mg/L)									
Check stability after the				thereafter	until achieve	ed.			
**Only one of these p	arameters must	t reach stal	bility.						
Observations:									
Volume of water purg		{	gallons	//_	30				
Sample Date: 12/				Time: <u>(6</u>		itary time)	/ .1		
Was metals sample fil			n? Y	ES XXX	method:	0.45 μm ca	rtridge / otr	ier:	
Color of water before				tration:					
Reaction upon addition	n of preservati	ves'? Y	ES N	, .	ain:				
Appearance of Water:		/y Turbid/	l'urbid/	Very Turb	1d)				
Well condition: 400	D /								
	/					1	1		
Ciamotama					Date:	12/3/	o X		
Signature:		\triangle			Datc	1-1-1-1	<u> </u>		

Jacility Name: GP			I	CEI Projec	et #: 2829e-	001/003		
Sample I.D.: /64				Well Locat				
Dampio IID.								
Moni	toring Well Da	nta			Sample	Types (cir	rcle all app	olicable)
Well Material		(PVC)SS	Teflon)	Ø	oni toring W	/ell		
Inside Diameter, in.		(12)	(46)		ab/Compos			
Stick up or stick down	n height		ft	1	lit Sample			
Total depth of well (T	• ,	25	ft	Di	iplicate (Du	iplicate ID:)
Depth to product	,		ft	M	S/MSD			
Depth to water (DTW	·)	19,le1	/9.6/ ft Other					
		1 (1-4-)		J				
Conventiona	l sampling	 ∈ 0	R⇒		Micr	opurge sa	mpling	
Height of water colun				epth of pu	ımp placem			
(H = TD - DTW)		ft			id-screen)		2	2
Conversion value (CX	7/* X		В	· ·	rged from f	low cell?	<u></u>	Ø/N
1 Well volume = H x		gal	1	~	n >0.3 feet			Ø/N
3 Well volumes =	Windows States	gal	W	as passiv	e sampling	used?		YO
Purge method			F	lowrate =				mL/n
(B = bailer, P = pu	mp) B/P		п) number	from contro	oller consol	e #	
*Conversion values (g		= 0.04, 2" c	$dia = \overline{0.16}$	6, 4" dia =	= 0.65, 6" d	ia = 1.47		
· · · · · · · · · · · · · · · · · · ·								
Field Test(s)	Stability	Result	Result	<u>Result</u>	<u>Result</u>	<u>Result</u>	Result	Result
Performed	Range	(3 min)	(6 min)			(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	1512	15,20		15:30			
Spec. Cond (µmhos)	+/- 3%	.883	1883	1884	1883		**************************************	***************************************
D.O. (mg/L)	+/- 10%**	1.42	1:37	1,33	1.25			
pH	+/- 0.1	7,22	7.22	7,22	7.22			***************************************
ORP (mV)	+/- 10 mV**	214	213	212	212			
Turbidity (NTU)	+/- 10%**	The state of the s	***************************************					APPLY 11-11-11-11-11-11-11-11-11-11-11-11-11-
$H_2S (mg/L)$ $Fe^{2+} (mg/L)$						****		
Check stability after the	roo roodings s	nd avery re	ading th	ereafter 111	ntil achieve	d		78 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-190 - 190-1
**Only one of these p	•	-	_	creatier u	itti aciiicvc	u.		
Only one of these p	arameters musi	. reach stat	inty.					
Observations:								
Volume of water purg	ed from well:	g	allons					
Sample Date: 12/		s	mple Ti	ne: 17 :	00 (mili	tary time)		
Was metals sample fil	tered prior to p						rtridge / otl	her:
Color of water before			fter filtra			·		
Reaction upon additio	n of preservatiy	ves? YF	es Mo		in:			
Appearance of Water:	(Clear/SlightI	y Turbid/T	`urbid/V	ery Turbid	1)			
Well condition: 400	D (
		A						
	0							
			1			/	LF	
C. /	- 11	_ A/	· /\		D-4	13/7/	(/ IN	

				Project #: 2829e-001/003			
Sample I.D.: /60		Well L	ocati	on:			
Monitoring Well Data			 		Types (cir	cle all app	olicable)
Well Material	PVC)SS/Teflo	on)	/	ni toring W			
Inside Diameter, in.	(1246)		1	ab/Compos	site		
Stick up or stick down height		ft	Spl	it Sample			
Total depth of well (TD)	10.8	ft	Du	plicate (Du	plicate ID:	<u></u>)
Depth to product		ft	MS	S/MSD			
Depth to water (DTW)	2.7	ft	Oth	ner			
Conventional sampling				Micr	opurge sa	mpling	
Height of water column		Depth o	f pui	mp placem	ent		
	ft			d-screen)			
Conversion value (CV)* x		1		ged from f	low cell?		Y/N
	al	1	-	1 > 0.3 feet			Y/N
	al	Was pa	ssive	sampling	used?	***************************************	Y/N
Purgemethod		Flowrat					mL/m
(B = bailer, P = pump) B / P	.	ID num	ber f	rom contro	oller consol	e #	
*Conversion values (gal/ft): 1" dia = 0	0.04, 2" dia = 0	0.16, 4" d	lia =	0.65, 6" di	a = 1.47		
Field Test(s) Stability	<u>Result Resu</u>			Result	<u>Result</u>	Result	Result
	<u>3 min) (6 m</u>	<u>in) (9 n</u>	nin)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3%					***************************************		
Spec. Cond (µmhos) +/- 3%	· · · · · · · · · · · · · · · · · · ·						
D.O. (mg/L) +/- 10%**							
pH +/- 0.1 _							
ORP (mV) +/- 10 mV** _							
Turbidity (NTU) +/- 10%**				-			
$H_2S (mg/L)$					4		·
Fe ²⁺ (mg/L)		the area of the		til achierre	4		
Check stability after three readings and **Only one of these parameters must re		; tneream	er un	in acmeve	u.		
Only one of these parameters must be	each stability.						
Observations:							
Volume of water purged from well:	gallons	3					
Sample Date: /2 / 9 / 05			D ·	30 (milit	tary time)		
Was metals sample filtered prior to pre-	-).45 µm cai	tridge / oth	ner:
Color of water before filtration:		Itration:	Σ.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************
Reaction upon addition of preservatives			plair	<u>1: フ</u>			
Appearance of Water: (Clear/Slightly	\		-				
Well condition: (2001)	i jirora, rarora	, , 51) 1					
1.							
-							
					1/=		
Signature:	$\wedge \setminus \mathcal{I}$		_	Date: /	2/4/08		

acility Name: GP		KEI Project #: 2829e-001/003	
Sample I.D.: /6/		Well Location:	
Monitoring Well Data		Sample Types (circle a	ll applicable)
	VC)SS/Teflon)		
Inside Diameter, in.	(1246)	Grah/Composite	
Stick up or stick down height	ft	Split Sample	10 -1
Total depth of well (TD)	12.9 ft		(DUP)
Depth to product	<u> </u>	MS/MSD	,
Depth to water (DTW)	<u> </u>	Other	
(Conventional sampling)	⊆ ⇔ ∟	Micropurge samplin	g
Height of water column	1	Depth of pump placement	
(H = TD - DTW) f		(place mid-screen)	** 1 **
Conversion value (CV)* x		Bubbles purged from flow cell?	Y/N
1 Well volume = H x CV = gal		s drawdown >0.3 feet	Y/N
3 Well volumes = gaz		Vas passive sampling used?	Y/N
Purge method	1 1 1	lowrate =	mL/m
/ (B = bailer, P = pump) B / P		D number from controller console #	
*Conversion values (gal/ft): 1" dia = 0.0	04, 2" dia = 0.1	6, 4" dia = 0.65, 6" dia = 1.47	
Field Test(s) Stability R	esult Result	Result Result Result Re	sult Result
•	min) (6 min)		min) (21 min)
Temperature (°C) +/- 3%	mm) (O mm)	(2) 111111)	
Spec. Cond (µmhos) +/- 3%			
D.O. (mg/L) +/- 10%**		-	
pH +/- 0.1			
ORP (mV) +/- 10 mV**			
Turbidity (NTU) +/- 10%**			
$H_2S \text{ (mg/L)}$			
$Fe^{2+} (mg/L)$			
Check stability after three readings and e	very reading th	nereafter until achieved.	
**Only one of these parameters must rea			
omy one or mose parameters mass res			
Observations:			
Volume of water purged from well:	gallons		
Sample Date: 12/4/28	Sample Ti	me: (l: 30 (military time)	
Was metals sample filtered prior to prese			e / other:
Color of water before filtration:	After filtr	ation:	
Reaction upon addition of preservatives?			
Appearance of Water: (Clear/Slightly T			
Well condition: (2001)	7	<i>y</i>	
h condition.			
6			
		-11.	
Signature:		Date: 12/4/68	